

Kindergarten Math Scope and Sequence

Approximate Month	Week of Instruction	Units & Review	Standard	Instructional Resources	Common Assessment	Learning Targets
September	Week 1	<p>Unit: Numbers 0-5</p> <p>Number Sense: How many objects, set of objects, number word, 1st 2nd 3rd, read and write, count forward and backward</p> <p>Review: 2D shapes circle, square, rectangle, and triangle...adding hexagon and trapezoid week 3</p>	<p>K.1.1.1 K.1.1.2 K.1.1.3 K.3.1.1 K.3.2.1</p> <ul style="list-style-type: none"> • Ipad games: cow counter, hungry fish, counting 1,2,3, caterpillar counting, easy match, geoboard, learn shapes, color and shapes, endless 1,2,3, Lola's math, preschool splash math, little writer numbers, • ABCya.com: # Bingo, Shape Bingo, Shape Construction, B-day Candle count, Counting Fish, Connect dots, number match, Race to the Finish, Sum of all dice 	<ul style="list-style-type: none"> • Magic Number Circle Game EDM pg 98 • Dice recognition • Playdough Numbers & Show me the number • Power tower dots • Shaving cream numbers (show me 3 circles) • Parachute (over, under, etc.) • Number puzzles • Pattern Blocks • Geoboards • SmartBoard files: where is the worm, • Lakeshore Counting and Numbers CD • Lakeshore Numbers and Counting Adventures CD • Zero the Hero • Finger Flash • Flashing Dots • 10's Frames • Elephant Count and Link (Gina) • Clothes pin #'s • Egg carton counting • Tug of War game EDM pg, 74-75 • Shisima game EDM pg 68-69 • Roll and Record EDM pg 26-27 • Monster Squeeze pg 28 SmartBoard 	<ul style="list-style-type: none"> • Entrance Conferencing Pre-Assessment for Math Quarterly Goals • Formative assessment during whole group, small group, and 1 on 1 	<ol style="list-style-type: none"> 1. I can read and write the numbers 1, 2, 3, 4, 5. 2. I can write numbers in shaving cream. 3. I can name circle, square, rectangle, triangle, trapezoid, and hexagon
	Week 2					
	Week 3					

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October	Week 5	<p>Unit: Numbers 0-10</p> <p>Number Sense: How many objects, set of objects, number word, 1st 2nd 3rd, read and write, count forward and backward</p> <p>Review: 2D shapes circle, square, rectangle, and triangle, hexagon and trapezoid</p>	<p>K.1.1.1 K.1.1.2 K.1.1.3 K.3.1.1 K.3.2.1</p> <p>• Ipad games: cow counter, hungry fish, counting 1,2,3, caterpillar counting, geoboard, learn shapes, color and shapes, line em up, Lola's math, marble math, little writer numbers,</p> <p>• ABCya.com: # Bingo, Shape Bingo, Shape Construction, B-day Candle count, Counting Fish, Connect dots, # match, Race to the Finish, Sum of all dice</p>	<ul style="list-style-type: none"> • Magic Number Circle Game EDM pg 98 • Dice recognition • Playdough Numbers & Show me the number • Power tower dots • Shaving cream numbers (show me 3 circles) • Rope and body shapes EDM pg 206 • Pattern Blocks • Geoboards • SmartBoard files: worm game • Spooky Shape Spin game/graph • Lakeshore Counting and Numbers CD • Lakeshore Numbers and Counting Adventures CD • Spider Mats (Becky) • Zero the Hero • Finger Flash • Flashing Dots • 10's Frames • Number Order whole group relay game • Elephant Count and Link (Gina) • Clothes pin #'s • Egg carton counting • Tug of War game EDM pg, 74-75 • Shisima game EDM pg 68-69 • Roll and Record EDM pg 26-27 • Monster Squeeze pg 28 SmartBoard • Pumpkin measurement unit (pre) • Number word and number matching pumpkin game (Becky) 	<ul style="list-style-type: none"> • Formative assessment during whole group, small group, and 1 on 1 • <u>Quarter Assessment and Pre-assessments</u> 	<ol style="list-style-type: none"> 1. I can read and write the numbers 6,7,8,9,10 2. I can read and write numbers to 10. 3. I can count forward and backward to 10. 4. I can count one object at a time to 10 or higher.
	Week 6					
	Week 7					
	Week 8					

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November	Week 9	<p>Unit: Number Sense: tricky teens</p> <p>Number Sense: Comparing numbers, 1 more 1 less, how many objects, set of objects, number word, 1st 2nd 3rd, read and write, count forward and backward</p> <p>Quarter Assessment and Pre-assessments</p>	<p>K.1.1.1 K.1.1.2 K.1.1.3 K.1.1.4 K.1.1.5</p> <p>• Ipad games: hungry fish, caterpillar counting, line em up, marble math, • ABCya.com: # Bingo, Counting Fish, Connect dots, # match, More or less word problems</p>	<ul style="list-style-type: none"> • Magic Number Circle Game EDM pg 98 • Giant number line counting forward and backward • Lakeshore Comparing numbers alligator game (Becky) • Playdough Numbers & Show me the numbers • Shaving cream numbers • Pattern Blocks • SmartBoard files: where is the worm, • Lakeshore Counting and Numbers CD • Lakeshore Numbers and Counting Adventures CD • Zero the Hero • Flashing Dots • I Have/Who Has (cards) • 10's Frame matching game cards • 20's Frames • Number Order whole group relay game • Elephant Count and Link (Gina) • Clothes pin #'s • Tug of War game EDM pg, 74-75 • Shisima game EDM pg 68-69 • Monster Squeeze pg 28 • Teen Number Memory Match (Smart) 	<p>Quarter Assessment and Pre-assessments</p>	<ol style="list-style-type: none"> 1. I can read and write the tricky teen numbers. 2. I can read and write 11 and 12 3. I can compare numbers. 4. I can tell you a number that is one more or one less.
	Week 10					
	Week 11					
	Week 12					

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December	Week 13	<p>Unit: Sorting and Patterns</p> <p>Number Sense: Numbers 0-20, Comparing numbers, 1 more 1 less, how many objects, set of objects, number word, 1st 2nd 3rd, read and write, count forward and backward</p> <p>Review: Number Sense: tricky teens</p>	<p>K.1.1.1 K.1.1.2 K.1.1.3 K.1.1.4 K.1.1.5 K.2.1.1</p> <ul style="list-style-type: none"> • Ipad games: hungry fish, caterpillar counting, line em up, marble math, Compare game • ABCya.com: # Bingo, Connect dots, # match, Fuzz bugs, More or less word problems, Number bubble count to 100, 	<ul style="list-style-type: none"> • Pattern Blocks • Santa Clock • Button Sorting • Beads • Christmas Probability (Vicki) • Christmas dice roll and cover (one more, one less) • Teen Frame Game (EM pg. 172) • Teen Number Memory (Smart) • Pattern Maker Song (Gina) • Attribute What's My Rule Game • Dr. Jean Pattern song • Button Sorting Lakeshore • Large Number Line Games (Forward/backward counting) • Magic Number Circle Game EDM pg 98 • Lakeshore Comparing numbers alligator game (Becky) • Playdough Numbers & Show me the numbers • Shaving cream numbers • Pattern Blocks • Where is the Turkey (Smart) • Lakeshore Counting and Numbers CD • Lakeshore Numbers and Counting Adventures CD • Zero the Hero • Flashing Dots • I Have/Who Has (cards) • 10's Frame matching game cards • 20's Frames • Top It Game EDM pg. • Tug of War game EDM pg, 74-75 • Shisima game EDM pg 68-69 • Monster Squeeze pg 28 	<ul style="list-style-type: none"> • Formative assessment during whole group, small group, and 1 on 1 • Quarter Assessment and Pre-assessments 	<ol style="list-style-type: none"> 1. I can make my own pattern. 2. I can tell you one more and one less than a number. 3. I can compare numbers.
	Week 14					
	Week 15					
	Week 16					

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January	Week 17	<p><u>Unit:</u> Measurement</p> <p><u>Number Sense:</u> Numbers 0-50, Comparing numbers, 1 more 1 less, how many objects, set of objects, number word, 1st 2nd 3rd, read and write, count forward and backward</p> <p><u>Quarter Assessment and Pre-assessment</u></p>	K.1.1.1 K.1.1.2 K.1.1.3 K.1.1.4 K.1.1.5 K.3.2.1 K.3.2.2	<ul style="list-style-type: none"> • Winter patterning (Tara) • Tricky -teen and -ty game (Olaf) • Snowman spinners compare or one more/one less • Snowman bump • Top It • Power Towers (to compare) • Pan Balance (elephant in the bathtub) • Gina Lakeshore Measurement Game • How many cubes fit in a mitten? (Vicki) • Snowman Name Comparing activity (whole group) • Snowman measurement • Predict it snowman measure • (Becky) 	<ul style="list-style-type: none"> • Formative assessment during whole group, small group, and 1 on 1 • <u>Quarter Assessment and Pre-assessments</u> 	<ol style="list-style-type: none"> 1. I can use many tools to measure. 2. I can use words to compare objects. 3. I can compare objects and put them in order. 4. I can count forward and backwards from 20.
	Week 18					
	Week 19					
	Week 20					

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February	Week 21	<p>Unit: Adding Number Sense: Comparing numbers, 1 more 1 less, how many objects, set of objects, number word, 1st 2nd 3rd, read and write, count forward and backward Review: Sorting, Patterns, and Measurement</p>	K.1.1.1 K.1.1.2 K.1.1.3 K.1.1.4 K.1.1.5 K.1.2.1 K.1.2.2	<ul style="list-style-type: none"> • Part part whole mats • Addition snowman • Addition Power Towers • Beginning operations files folder games(Tara) • Adding to 20 -Lakeshore (Becky) • I sea 10 (Tara) • Pop and add to 12 (Tara) • Simple addition learning center (Gina) • Adding & Subtraction folders: bars, 10's frame, stacking circles, number line (Becky) • Dot a dot plates • Hidden number game • What's my rule game • ABC ya • Hungry Fish- Ipad • Math kid- Ipad • Butterfly math- Ipad • YouTube pirate adding and subtraction song • Composing and Decomposing monsters • Ten's Frame Magnetic Puzzles (Vicki) • Slide and Count Adding to 10 (Vicki) • Word Problem Center • Add write the Room 	<ul style="list-style-type: none"> • Formative assessment during whole group, small group, and 1 on 1 	<ol style="list-style-type: none"> 1. I can break a number into 2 parts 2. I can take 2 numbers and add them together 3. I can tell you that adding is putting together 4. I can tell you what these symbols mean... + =
	Week 22					
	Week 23					
	Week 24					

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March	Week 25	<p>Unit: Subtracting Number</p> <p>Sense: Comparing numbers, 1 more 1 less, how many objects, set of objects, number word, 1st 2nd 3rd, read and write, count forward and backward</p> <p>Review: Adding Quarter Assessment and Pre-assessments</p>	K.1.1.1 K.1.1.2 K.1.1.3 K.1.1.4 K.1.1.5 K.1.2.1 K.1.2.2	<ul style="list-style-type: none"> • Part part whole mats • Subtraction Power Towers • Beginning operations files • Adding & Subtraction folders: bars, 10's frame, stacking circles, number line (Becky) • Subtraction Plates • Simple Subtraction Learning Center (vicki) • Pete the Cat Button Subtraction • YouTube Subtraction Pirate song • Word Problem Center (Vicki, Gina, Becky) • Subtraction Write the room • Word Problem Center • Vicki's Subtraction Lakeshore • Subtraction Smash (with playdoh) 	<ul style="list-style-type: none"> • Formative assessment during whole group, small group, and 1 on 1 • Quarter Assessment and Pre-assessments 	<ol style="list-style-type: none"> 1. I can tell a friend that subtraction is taking away 2. I can tell you what these symbols mean... - + = 3. I can start with a number and take some away 4. I can tell a story with numbers.
	Week 26					
	Week 27					
	Week 28					

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April	Week 29	<p>Unit: 3D shapes</p> <p>Number Sense: Comparing numbers, 1 more 1 less, how many objects, set of objects, number word, 1st 2nd 3rd, read and write, count forward and backward</p> <p>Review: Addition and Subtraction Composing and Decomposing Numbers</p>	K.1.1.1 K.1.1.2 K.1.1.3 K.1.1.4 K.1.1.5 K.1.2.1 K.1.2.2 K.3.1.1	<ul style="list-style-type: none"> • 3D Shape song (you-tube) • Whole group Penguin pocket chart fish game with 3-D shapes • 3-D shape sort • Marshmallow and toothpick or straw 3-D shape building game • 3-D shape spin game • Whole group I spy shape hunt • Face Card Game • Shape feely box • Rope shapes • 3D shape color • 3D shape roll and read • Playdoh 3D • 3D Shape book <p>Introduce for 1st grade:</p> <ul style="list-style-type: none"> • Time by the hour • Penny, Nickel, Dime • Count by 10's and 5's 	<ul style="list-style-type: none"> • Formative assessment during whole group, small group, and 1 on 1 	<ol style="list-style-type: none"> 1. I can name these 3-D shapes: sphere, cylinder, cube, cone 2. I can find a 3-D shape in my classroom. 3. I can read, write, and count my numbers to 100. 4. I can make a good guess when estimating how many.
	Week 30					
	Week 31					
	Week 32					

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May	Week 33	<p>Unit: Review</p> <p>Number Sense: Comparing numbers, 1 more 1 less, how many objects, set of objects, number word, 1st 2nd 3rd, read and write, count forward and backward</p> <p>Review: Composing and Decomposing Numbers and 3D shapes</p> <p>Quarter Assessment and Pre-assessments</p>	K.1.1.1 K.1.1.2 K.1.1.3 K.1.1.4 K.1.1.5 K.1.2.1 K.2.1.1 K.1.2.2 K.3.1.1 K.3.1.2 K.3.1.3 K.3.2.1 K.3.2.2	Hi Ho Cherry-O What Number am I Number pop games Read and Solve Word Problem Center Magnetic shapes and white boards Number grids Geoboards Power tower games Connect 4 Uno Trouble Play dough Tooth pick with marshmallows	<ul style="list-style-type: none"> Formative assessment during whole group, small group, and 1 on 1 	<ol style="list-style-type: none"> I can solve word story math problems. I can tell if a story is addition or subtraction. I can participate in math games with my friends. I can show and tell you different ways to make ten. I can read and write my numbers to 100.
	Week 34					
	Week 35					
	Week 36					